

Date: March 30, 2004

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MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): (1) Mun Wang JIN  
 (2) Lee Yong JIN  
 (3) Alexander B. MURYNIN  
 (4) Victor D. KUZNETSOV  
 (5) Peter A. IVANOV  
 (6) Il-Jun JEONG

NOTE: Patent must be applied for in the name of all  
 of the actual inventor or inventors.

For: "METHOD OF INTRUDER DETECTION AND DEVICE THEREOF"

Enclosed are:

**1. The Papers Required For Filing Date Under 37 CFR 1.53(b):**10 Pages of specification 1 Page of abstract 3 Pages of claims4 Sheets of drawings  formal  informal  
(Figs. 1-4) In addition to the above papers there is also attached 6 Pages of a Preliminary Amendment dated March 30, 2004

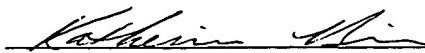
- Postcard
- Check for filing fee in the amount of \$770.00
- Declaration/Power of Attorney (4 pages)
- Verified Statement Claiming Small Entity Status--  
Small-Business Concern (1 page)
- Claim to Priority (1 page) with
- Certified Copy of Russian Application No. 2003115358
- Information Disclosure Statement (2 pages) and  
Form PTO-1449 (modified) (1 page) with  
copies of documents cited in Form PTO-1449 (modified)
- Assignment Cover Sheet (1 page), Assignment document (4 pages and  
3 pages),  
and Check for \$40.00

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this paper and the documents referred to as enclosed  
 therein are being deposited with the United States Postal Service in an Express  
 Mail envelope with sufficient postage for Express Mailing on this date March 30,  
2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label  
 Number EV301026223US addressed to the:

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Katherine Nieva  
(Typed or printed name of person mailing paper)

  
(Signature of person mailing paper)

NOTE: Each paper or fee referred to as enclosed herein  
 has the number of the "Express Mail" mailing label  
 placed thereon prior to mailing. 37 CFR 1.10(b).

16834 U.S.PTO  
10/814497  
033004



**2. Declaration or oath**

[X] Enclosed

[X] original      [ ] facsimile

executed by:

[X] inventor(s)

[ ] legal representative of inventor(s) 37 CFR 1.42 or 1.43

[ ] joint inventor or person showing a proprietary interest  
on behalf of inventor who refused to sign or cannot be  
reached. 37 CFR 1.47.

[ ] petition and statement required by 37 CFR 1.47  
also attached. See item 7 below for fee.

[ ] Not Enclosed

[ ] Application is made by a person authorized under 37 CFR  
1.41(c) on behalf of all of the above named inventor(s). The  
declaration or oath, along with the surcharge required by 37  
CFR 1.16(e) can be filed subsequently.

[ ] Showing that the filing is authorized. (Not required  
unless called into question. 37 CFR 1.41(d)).

NOTE: Where the filing is a completion in the U.S. of an international  
application under 35 U.S.C. 371(c)(4) then the declaration must  
be filed.

**3. Assignment**

[X] An assignment of the invention to S1 CORPORATION  
(with separate cover sheet and separate check for \$40.00)

**4. Certified Copies**

[X] Certified copy of Russian Application No. 2002115358  
from which priority is claimed.

NOTE: Must be referred to in oath or declaration. 37 CFR 1.55 and 163.

**5. Fee Calculation**

CLAIMS	AS FILED			
Number Filed	Number Extra	Rate	Basic Fee	\$ 770.00
Total Claims                  15 - 20 =	0 x	\$ 18.00		0
Independent Claims            2 - 3 =	0 x	\$ 86.00		0
Multiple Dependent Claim(s), If Any	0 x	\$290.00		0

[ ] Amendment canceling extra claims enclosed

[ ] Amendment deleting multiple dependencies enclosed

[ ] Fee for extra claims is not being paid at this time

NOTE: If the fee for extra claims are not paid on filing they must be  
paid or the claims canceled by amendment, prior to the expiration of the  
time period set for response by the Patent and Trademark Office in any  
notice of fee deficiency, 37 CFR 1.16(d).

Filing Fee Calculation \$ 770.00

**6. Small Entity Statement**

Applicants claim small entity status

Filing Fee Calculation (50% of above) \$ \_\_\_\_\_

**7. Fee Payment Being Made At This Time**

Not Enclosed

No filing fee is submitted. This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently.

NOTE: Where the filing is a completion in the U.S. of an international application the fee must be paid.

Enclosed

filing fee \$ 770.00 \_\_\_\_\_

recording assignment \$ \_\_\_\_\_  
(\$40.00; 37 CFR 1.21(h)(i))

petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached.  
37 CFR 1.47 and 1.17 (h) \$ \_\_\_\_\_

Total fees enclosed \$ 770.00 \_\_\_\_\_

**8. Method of Payment of Fees**

check in the amount of \$ 770.00 \_\_\_\_\_

charge account No. 12-0415 in the amount of \$. A duplicate of this transmittal is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 CFR 1.22(b).

**9. Authorization to Charge Additional fees**

The Commissioner is hereby authorized to charge the following additional fees which may be required to Account No. 12-0415:

37 CFR 1.16 (filing fees and presentation of extra claims)

37 CFR 1.17 (application processing fees)

37 CFR 1.18 (issue fee at or before Mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b))

NOTE: 37 CFR 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application...prior to paying... issue fee".

**10. Instructions As To Overpayment**

Credit Account No. 12-0415 [ ] refund

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